

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 82280

**Title:** Acoustic radiation force impulse predicts long-term outcomes in a large-scale cohort: high liver cancer but low comorbidity in the HBV group

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05238706

**Position:** Peer Reviewer

**Academic degree:** MSc, MSN

**Professional title:** MSN, Statistician, Teacher, Technician

**Reviewer's Country/Territory:** Iran

**Author's Country/Territory:** Taiwan

**Manuscript submission date:** 2022-12-16

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-12-16 09:34

**Reviewer performed review:** 2022-12-16 09:35

**Review time:** 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

Peer-reviewer statements	Peer-Review: [ <input checked="" type="checkbox"/> ] Anonymous [ <input type="checkbox"/> ] Onymous
	Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No

## SPECIFIC COMMENTS TO AUTHORS

minor revise

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**Peer-review model:** Single blind

**Reviewer's code:** 06460308

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** Taiwan

**Manuscript submission date:** 2022-12-16

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-12-16 13:44

**Reviewer performed review:** 2022-12-16 18:28

**Review time:** 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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	Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No

#### **SPECIFIC COMMENTS TO AUTHORS**

The study assesses a current, timely topic in HCC. We recommend some changes: - We believe this article is suitable for publication in the journal although major revisions are needed. The main strengths of this paper are that it addresses an interesting and very timely question and provides a clear answer, with some limitations. Certainly, the study is limited to an Asian population, and authors should further express this point. - The background of the changing scenario of medical treatment in HCC should be better discussed, and some recent papers regarding this topic should be included ( PMID: 32684988; PMID: 36368251; PMID: 34431725 ; PMID: 34976841 ; ). Major changes are necessary.

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**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05392001

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Taiwan

**Manuscript submission date:** 2022-12-16

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-12-28 06:40

**Reviewer performed review:** 2023-01-06 02:56

**Review time:** 8 Days and 20 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous
	Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No

#### **SPECIFIC COMMENTS TO AUTHORS**

Tai et al. analysed the patients enrolled between 2011 and 2018 who received an acoustic radiation force impulse (ARFI) study. Their results showed that the HBV group showed a higher HCC but lower comorbidity that made mortality similar among groups. Those ARFI grade as severe fibrosis or cirrhosis should receive regular surveillance. Basically, this article is interesting and well organized. 1, The author analysed the patients mainly enrolled from 2011 to 2018. However, whether the statistics of patients enrolled in recent years (i.e. 2020-2022) existed? I think it would be more solid. 2, Regarding the cancer registration data link and mortality data link, the authors linked these database up to 2020. Why not link these database with more recent data?

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer's code:** 06460308

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** Taiwan

**Manuscript submission date:** 2022-12-16

**Reviewer chosen by:** Yu-Lu Chen

**Reviewer accepted review:** 2023-03-03 08:07

**Reviewer performed review:** 2023-03-03 08:07

**Review time:** 1 Hour

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Language quality	<input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input type="radio"/> Accept (High priority) <input checked="" type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="radio"/> Anonymous <input type="radio"/> Onymous



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statements

Conflicts-of-Interest: [ ] Yes [Y] No

## SPECIFIC COMMENTS TO AUTHORS

acceptance